

**WHAT IS CLAIMED IS:**

1. A centrifugal clutch for transmitting power of an engine by connecting a driving side and a driven side to each other, comprising:

a clutch weight which inclines under a centrifugal force, the clutch weight having a plurality of weight component members which are stacked and fixed to each other,

wherein each of said weight component members has a first part and a second part, the first parts having smaller specific gravities than the second parts, whereby a center of gravity of said clutch weight is set to a predetermined position.

2. The centrifugal clutch according to claim 1, wherein the predetermined position of said center of gravity of said clutch weight is set by forming the first parts of the weight component members by baking a sintered metallic powder with a smaller specific gravity, and forming the second parts of the weight component members by baking a sintered metallic powder with a larger specific gravity, and said second parts formed by baking said sintered metallic powder with the larger specific gravity is set on a side of a tip portion of said clutch weight away from a fulcrum of inclination of said clutch weight.

3. The centrifugal clutch according to claim 1, wherein the predetermined position of said center of gravity of said clutch weight is set by providing the second parts of at least some of the weight component members with a material having a specific gravity larger than the specific gravity of a base material of said weight component members, the material being selectively charged or fitted in an opening

provided on a side of a tip portion of said at least some of the weight component members away from a fulcrum of inclination of said clutch weight.

4. The centrifugal clutch according to claim 1, wherein each of said plurality of weight component members has a different shape.

5. The centrifugal clutch according to claim 1, wherein the clutch weight includes five weight component members, three of the weight component members having a fitting hole for accommodating a pin serving as a fulcrum of inclination, and two of the weight component members not having a fitting hole.

6. The centrifugal clutch according to claim 5, wherein the fitting holes are provided on the first parts of the three weight component members having the fitting holes.

7. The centrifugal clutch according to claim 5, wherein the three weight component members having the fitting holes are stacked together and sandwiched between the two of the weight component members not having the fitting holes.

8. The centrifugal clutch according to claim 5, wherein the two weight component members not having the fitting holes are provided with spring openings.

9. The centrifugal clutch according to claim 8, wherein the spring opening is provided on the first part of at least one of the two weight component members not having the fitting holes.

10. The centrifugal clutch according to claim 8, wherein the spring opening of is provided on the second part of at least one of the two weight component members not having the fitting holes.

11. A centrifugal clutch for transmitting power by connecting a driving side and a driven side to each other through inclination of a clutch weight under a centrifugal force, wherein said clutch weight is formed of members with portions differing in specific gravity, whereby a position of a center of gravity of said clutch weight is set.

12. The centrifugal clutch according to claim 11, wherein said setting of said center of gravity of said clutch weight is achieved by forming one portion of each of the members by baking a sintered metallic powder with a smaller specific gravity, and forming another portion of each of the members by baking a sintered metallic powder with a larger specific gravity, and said another portion formed by baking said sintered metallic powder with a larger specific gravity is set on a side of a tip portion of said clutch weight away from a fulcrum for said inclination of said clutch weight.

13. The centrifugal clutch according to claim 11, wherein said setting of said center of gravity of said clutch weight is achieved by providing of at least some of the members with a material having a specific gravity larger than the specific gravity of a base material of said clutch weight, the material being selectively charged or fitted in an opening provided on the side of a tip portion of said at least some of the members away from a fulcrum for said inclination of said clutch weight.

14. The centrifugal clutch according to claim 11, wherein each of said members has a different shape.

15. The centrifugal clutch according to claim 11, wherein the clutch weight includes five members, three of the members having a fitting hole for accommodating a pin serving as the fulcrum of the inclination, and two of the members not having a fitting hole.

16. The centrifugal clutch according to claim 15, wherein the fitting holes are provided on the portion having the larger specific gravity of the three members having the fitting holes.

17. The centrifugal clutch according to claim 15, wherein the three members having the fitting holes are stacked together and sandwiched between the two of the members not having the fitting holes.

18. The centrifugal clutch according to claim 15, wherein the two members not having the fitting holes are provided with spring openings.

19. The centrifugal clutch according to claim 18, wherein the spring opening of at least one of the two members not having the fitting holes is provided on the portion thereof having the smaller specific gravity.

20. The centrifugal clutch according to claim 18, wherein the spring opening of at least one of the two members not having the fitting holes is provided on the

portion thereof having the larger specific gravity.